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सं. 51] तर्दा विल्ली, शनिवार, दिसम्बर 17, 1977 (अग्रहायण 26, 1899)

No. 51] NEW DELHI, SATURDAY, DECEMBER 17, 1977 (AGRAHAYANA 26, 1899)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।

Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2

[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE
PATENTS & DESIGNS

Calcutta, the 17th December 1977

CORRIGENDUM

In the Gazette of India, Part-III, Section 2, dated the 2nd July, 1977 in page 593, Column 1 under the heading "Cessation of Patents".

delete 93898.

CORRIGENDUM

In the Gazette of India, Part-III, Section 2, dated the 24th September, 1977 in page 817, Column 2 under the heading "Cessation of Patents".

delete 95539

APPLICATION FOR PATENTS FILED AT THE
HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act

9th November 1977

1594/Cal/77 Francis Kenneth Burville and Peter George Spencer. Improvements in fluid pressure regulators (November 10, 1976)

1595/Cal/77 Chemetron Corporation. Method for the preparation of water-soluble keratinaceous protein, 1596/Cal/77 American Cyanamid Company. Preparation of 2-diethoxyphosphorylimino-1, 3-dithietane

377GI/77

1597/Cal/77. R. H. Abplanalp. Aerosol dispenser system
11th November 1977

1598/Cal/77. Pilkington Brothers Limited. Improvements in oil relating to the manufacture of flat glass (November 30, 1976)

1599/Cal/77. Lucas Industries Limited. Electrical switch (November 12, 1976).

1600/Cal/77. Ram Narayan Mukherji. Electronic calling bell.

1601/Cal/77. Emhart Industries Inc. Control system for a glassware forming machine.

14th November 1977

1602/Cal/77. Monsanto Company. Multi component membranes for gas separation

1603/Cal/77. IBEC Industries, Inc. Process for coagulating polymer latices using screw-type extruder.

1604/Cal/77. Kriemhild Schlomann GEB Jordan. Composite wall structure of bricks

15th November 1977

1605/Cal/77. Snamprogetti SpA. Method for the production of high-purity ethylene glycols

1606/Cal/77. Montedison SpA. New phosphoric esters derived from 1, 2, 4-triazole with an insecticide, nematocide and acaricide action, and their preparation

1607/Cal/77. Vereinigte Oesterreichische Eisen-Und Stahlwerke—Alpine Montan Aktiengesellschaft. Swivel mechanism for keif-cutting machines

1608/Cal/77 Westinghouse Electric Corporation Silica alumina trihydrate filled epoxy castings resistant to arced SF₆

1609/Cal/77 Empresa Nacional Del Aluminio, S A System for producing direct current in electrolytic processes

1610/Cal/77 American Home Products Corporation Quinaldine derivatives (December 23, 1976)

1611/Cal/77 Ruti TE Strake B V A device for forming a supply bobbin from a thread advanced from a yarn supply

1612/Cal/77 T A Litsenko, V N Potapov and D S Stiebkov Solar photoelectric module

1613/Cal/77 India Carbon Limited A process for producing a substitute for low ash metallurgical coke
16th November 1977

1614/Cal/77 Vereinigte Österreichische Eisenmud Stahlwerke-Alpine Montan Aktiengesellschaft A method and plant for supplying energy to an electric arc furnace

1615/Cal/77 E I Du Pont De Nemours and Company Catalytically active porous nickel electrodes

1616/Cal/77 Solar Pump Corporation Solar Energy device

1617/Cal/77 R C A Corporation Semiconductor structure combining devices for low voltage and high voltage applications and method of preparing the same

APPLICATION FOR PATENTS FILED AT THE

(DELHI BRANCH)

27th October 1977

354/Del/77 Edward L Bateman Limited Improvements in or relating to the separation of suspended solids from liquids

31st October 1977

355/Del/77 Rexnord, Inc Striking plate for disintegrating mill

356/Del/77 Union Carbide Corporation Method and apparatus for reducing smoke and preventing secondary fins during scarfing (August 26, 1977)

357/Del/77 Sapos S A Tranquillising complexes (November 1, 1976)

1st November 1977

358/Del/77 Bayer Aktiengesellschaft A process for the production of colourless bis (3 5 di-tert butyl-4 hydroxybenzyl)- sulphide

359/Del/77 Compagnie Francaise D'Etudes ET DE Construction "Technip" Improvements in or relating to a method for winding tubes round a core, device for carrying out the said method and coiled tube heat-exchanger thus obtained

360/Del/77 Pfizer Inc Process for the production of intermediates for use in the production of antibiotics

361/Del/77 E R Squibb & Sons, Inc Substituted acyl derivatives of amino acids

2nd November 1977

362/Del/77 The Glacier Metal Company Limited Improvements in or relating to bearings (November 10, 1976)

363/Del/77 Canadian Ingersoll-Rand Co Ltd Screening apparatus (December 6, 1976)

364/Del/77 Canadian Ingersoll-Rand Co Ltd Screening apparatus hydrofoil (January 26, 1977)

365 Del 77 Krupp-Koppers GmbH Process for the production of a gas rich in carbon monoxide (December 18, 1976)

3rd November 1977

366/Del/77 Bharat Heavy Electricals Limited A power amplifier

367 Del/77 Bharat Heavy Electricals Limited A speed measuring unit

368 Del/77 Bharat Heavy Electricals Limited A dead band circuit

369/Del/77 Bharat Heavy Electricals Limited A dither oscillator

370/Del/77 Societe Chimique Des Charbonnages Novel organometallic halides and to a process for their preparation (November 9, 1976)

371/Del/77 Stamicarbon B. V Process for the purification of a phenol (September 13, 1977)

372/Del/77 Pechiney Usine Kuhlmann, A process for purifying the exhaust gases given off by diesel-type internal combustion engines (December 13, 1976)

373/Del/77 Carrier Corporation Expansion device

374/Del/77 Council of Scientific and Industrial Research A process for preparation of tertiary alkyl esters from the corresponding halides

ALTERATION OF DATE

143528 } 1899/Cal/76 } Ante-dated 14th October, 1974

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in the opposing the grant of patents on any of the applications concerned may at any time within four months of the date of this issue or on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months given notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15 of each opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 35 of the Patents Rules 1972

The classifications given below in respect of each specification are according to Indian Classification and International Classification

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kram Shankar Ray Road Calcutta in due course. The price of each specification is Rs 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list

Typed or photo copies of the specifications together with the photo copies of drawings, if any can be supplied by the patent office Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office

CLASS 9D & 12C

143510

Int Cl -C22c 39/30 39/26, 41/04 C21c 9/00

METHOD OF MANUFACTURING MANGANESE STEEL

Applicant : COMAIR PTY LTD OF 304 TORIMER STREET PORT MELBOURNE, IN THE STATE OF VICTORIA, AUSTRALIA

Inventor. COMMONWEALTH AIRCRAFT CORPORATION LIMITED FORMERLY KNOWN AS COMMONWEALTH AIRCRAFT CORPORATION

Application No 2538/Cal/74 filed November 16, 1974

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A method of manufacturing a manganese steel having a hardness in excess of 50 on the Rockwell C scale which comprises the steps of heating an alloy of the following composition by weight :

Carbon	0.9	to	1.4%
Manganese	3.0	to	8.0%
Chromium	1.00	to	2.5%
Molybdenum	0.5	to	2.5%
Silicon	0.25	to	2.0%
Cobalt	1.00	to	5.0%
Vanadium	0	to	2.00%

With the balance of iron plus incidental impurities at a temperature within the range of 900° to 1100°C, cooling the alloy to a temperature below 690°C, maintaining the alloy at a temperature within the range 500° to 690°C for a period in excess of one hour, heating the alloy to a temperature within the range 690°C to 800°C for a period in excess of 5 minutes, and cooling the alloy to a temperature below 50°C

CLASS 108C, & C₁

143511

Int Cl -C21c 5/06, 5/36

METHOD OF REFINING STEEL

Applicant & Inventor. CRAFORD BROWN MURTON, OF 1906 BRUSHCLIFFE ROAD, PITTSBURGH, STATE OF PENNSYLVANIA 15221, UNITED STATES OF AMERICA

Application No 27/Cal/75 filed January 4, 1975

Addition to No 1011/Cal/74

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

18 Claims

A method for refining non-base metal containing minor amounts of elements including silicon, manganese, sulphur and carbon, in which the method facilitates the solution of solid lime by reducing the formation of dicalcium silicate, characterized by the steps of containing a molten non-base metal in a metallurgical vessel, heating and oxidizing the molten iron-base metal, adding a mixture of a slag conditioner and slag formation agents, in which the slag conditioner consisting essentially of oxides of metals including iron, manganese, silicon, magnesium, and calcium, which oxides of metals have a melting point of from about 2000° to 2800°C, and the slag formation agents formed of materials of high basicity consisting essentially of burnt lime and/or dolomitic lime and to which mixture is also added predetermined quantities of fluorspar, continuing to heat the molten metal so that the formation of dicalcium silicate is substantially reduced to provide a slag substantially devoid of encapsulated solid bodies of burnt lime, and predetermined compositions of said elements are obtained in the refined ferrous metal.

CLASS 133A

143512

Int Cl -H02p 5/00

TWO-PHASE AC ELECTRIC MOTOR CONTROL CIRCUIT

Applicant. UZBECKIY NAUCHNO-ISSITDOVATELSKY INSTITUT ENERGETIKI I AVTOMATIKI, OF TASHKENT, ACADEMGORODOK, USSR

Inventors. SAGDULLA KUDRATOVICH ISMATKHO-DZHAEV, SALIKH ZAKHIDOVICH USMANOV, MIR-MAKHMID AKBAROVICH MIRSAGATOV, NASIM GAFAROVICH DZHABAROV, MAKHIRDZHAN TAKHIRDZHANOV AND ANVARDZHAN FUZAILOVICH MUMINDZHANOV.

Application No 969/Cal/75 filed May 14, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

2 Claims

A control circuit of a two-phase AC electric motor, wherein the windings and two series capacitors are delta-connected, the mid point of the windings is brought to one terminal of the power source, and the leads of the windings connected to the capacitors are brought to the other terminal of the power source, with the mid point of the capacitors connected to that of the switchgear components and with the capacitance of each capacitor being equal to the rated phase-shifting capacitance of the electric motor.

CLASS 33D.

143513.

Int Cl -B22d 7/06, 45/00

METHOD AND APPARATUS FOR REPAIRING METAL OBJECTS, FOR EXAMPLE INGOT MOULDS

Applicant. ELKEM-SPIGERVERKET A/S, OF ELKEMHUSSET, MIDDELTHUNSGATE 27, OSLO 3, NORWAY.

Inventor. FINAR ONARHJEM

Application No 1275/Cal/75 filed June 27, 1975.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A method of electrically repairing a metal article, for example a cast iron ingot mould, by passing electric heating current between an electrode and the portion of the article to be repaired, in which an electrical connection to the heating current is made to the article through a layer of graphite powder on which the article rests

CLASS 116-G.

143514.

Int. Cl B65g 67/58.

WATERBORNE VESSEL FOR TRANSPORTING FLOATABLE BUOYANT CARGO UNITS

Applicant. WHARTON SHIPPING CORPORATION, C/O QUIJANO ASSOCIATES, AVENIDA J. AROSEMA Y CALLE 32, EDIFICIO VALLARINO, PANAMA.

Inventors. WILLIAM EVERETT KIRBY & DAVID JACKSON SEYMOUR.

Application No. 1282/Cal/75 filed June 28, 1975

Addition to No. 2875/Cal/74.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

20 Claims.

In a waterborne vessel having a hull with rigid supporting and hull-reinforcing structure, a bow, a stern, and sidewalls providing a series of buoyancy compartments and a hollow interior defining at least one hold, means communicating between said hold and the sea water for enabling free passage of water into and out of said hold at all times and having gate means for flotation loading thereof, so that said hold is partially flooded, said vessel being for transport of a plurality of buoyant cargo carriers such as barges, lighters and pontoons placed by flotation loading through said gate means into predetermined locations within said hold, wherein in each said carrier is partially supported by its own buoyancy and is also so connected to the vessel as to enable exchange of buoyancy between said carrier and said vessel and wherein the number of said predetermined locations may exceed the number of carriers placed in the hold on a given voyage, characterized by that :

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

4 Claims.

A brush mounting device for a dynamoelectric machine, comprising two stationary current-conducting plates rigidly connected with each other and having a contact members mounted theron, and removable brush units each including contact brushes, an arrangement for retaining the brushes in the brush unit, a contact member for effecting electric contact of the brush unit with the contact members of the stationary current conducting plates, means for securing the brush unit on the stationary handle for removing and mounting the brush unit, the contact surfaces of the contact members of the stationary current conducting plates and the contact surface of the contact member of the brush unit being flat and being adapted to be aligned in the same single plane, as they are brought into contact-making engagement.

CLASS 32F, & F₂A 143520.
Int. Cl C07c 103/12; 103/16.

PROCESS FOR THE PREPARATION OF ACETOACETYLARYLAMIDES

Applicant HOECHST AKTIENGESELLSCHAFT OF 6230 FRANKFURT/MAIN 80, FEDERAL REPUBLIC OF GERMANY

Inventors ERNST HILLE, & RUDOLF RUCK

Application No 734/Cal/76 filed April 27, 1976

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

17 Claims No drawings

A process for the preparation of an acetoacetylarylamide which comprises reacting diketene in quantities more than molal quantities with an arylamine being free of acidic solubilizing groups in water at a temperature at which the product is dissolved or emulsified

CLASS 39 K 143521
Int. Cl C01b 25/18

PROCESS FOR THE PRODUCTION OF PHOSPHORIC ACID

Applicant RHONE-POULENC INDUSTRIES, OF 22 AVENUE MONTAIGNE, 75 PARIS 8, FRANCE

Inventor JEAN-FRANCOIS GIFFLY

Application No 1996/Cal/76 filed November 3, 1976

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

13 Claims

Continuous process for the production of phosphoric acid by the wet method in which phosphate ore and sulphuric acid are reacted in a reaction zone in the presence of dilute phosphoric acid, the strong phosphoric acid is separated from the calcium sulphate in a filtration zone provided with means for the methodic washing of the calcium sulphate by water or process water, the reaction zone is continuously cooled by evaporation by means of an air circulation at the surface of the reaction zone, the gases removed by evaporation are scrubbed by means of part of the process water, and the solution obtained by scrubbing the gases is collected and is passed into the reaction zone in such a way that the gaseous products that are soluble in water are retained in the reaction medium, whence they are collected together with the strong acid which constitutes the product.

CLASS 201A & D. 143522.
Int. Cl C02b 1/00, C02c 5/00; 5/12.

APPARATUS FOR CLARIFICATION OF WASTE WATER OPERATING ON DISSOLVED AIR FLOTATION PROCESS

Applicant & Inventor MILOS KROFTA, OF 58 YOKUN AVENUE, LEXINGTON, MASSACHUSETTS 01240, UNITED STATES OF AMERICA

Application No 107/Cal/77 filed January 27, 1977.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims

Apparatus for purifying unclarified water in the paper, pulp, and like industries comprising a cylindrically shaped tank having an upwardly directed outer wall and a generally flat bottom, an inlet pipe extending vertically through the center portion of the said tank, a cylindrically shaped sludge compartment positioned about said inlet pipe in the center portion of said tank and having an upwardly directed outer wall, an outlet pipe for said sludge compartment, an outlet pipe for clarified water in said tank positioned outwardly of said sludge compartment, means defining a sludge trough in the bottom of said tank, outlet means for said sludge trough, a carriage supported radially of said tank between the upper edge of said tank wall and the upper edge of said sludge compartment wall for rotatable movement around the inside of said tank means for rotatable movement of said carriage a waste water distribution arm carried by said carriage radially of said tank and provided with a plurality of orifices, sludge removal scooping means extending radially of said tank and carried by said carriage, means for operation of said sludge removal scooping means, and a clarified water inlet distribution carried by said carriage and having a cylindrical wall spaced outwardly of said sludge compartment in fluid communication with said clarified water outlet pipe

CLASS 32F,c & 40A,, 143523

Int. Cl B01J 9/00, 11/32, C07c 121/32.

PRODUCTION OF UNSATURATED NITRILES USING CATALYSTS PROMOTED WITH VARIOUS METALS

Applicant THE STANDARD OIL COMPANY, OF MID-LAND BUILDING, CLEVELAND, OHIO 44115, UNITED STATES OF AMERICA.

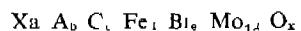
Inventors ROBERT KARL GRASSELLI, (2) DEV DHANARAJ SURESH, (3) ARTHUR FRANCIS MILLER, & HARVEY FOCH HARDMAN

Application No 1218/Cal/74 filed June 4, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

18 Claims No drawings

In the process for the preparation of acrylonitrile or methacrylonitrile by the reaction of propylene or isobutylene, molecular oxygen and ammonia at a temperature of about 200°C to about 600°C in the presence of a catalyst, the improvement comprising using as the catalyst a catalyst having the atomic ratios described by the formula



wherein X is Ge, Sn, Cu, Ag, Cr, Ru, Ti, W, Be, B, Ga, In, Mn, Sb, Th, Zr, Y or mixture thereof,

A is an alkali metal, alkaline earth metal, rare earth metal, Nb, Ta, Ti, P, As or mixture thereof,

C is Ni, Co, Mg, Zn, Cd, Ca or mixture thereof, and wherein a is 0.01 to about 4,

b is 0 to about 4, C and d are 0.01 to about 12; e is 0.01 to about 6, and

x is the number of oxygens required to satisfy the valence requirements of the other elements present.

CLASS 32F₂P & 55D₃.

143527.

Int Cl C07c 157/06

A PROCESS FOR THE PREPARATION OF ALKYL THIOURID MITICIDES

Applicant STAUFFER CHEMICAL COMPANY, OF WESTPORT, CONNECTICUT, UNITED STATES OF AMERICA*Inventor* LIEWHITTYN W FANCHER.

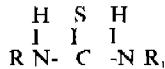
Application No 1276/Cal 76 filed July 16, 1976

Convention date November 7, 1975 (86432/75) Australia

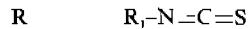
Appropriate office for opposition Proceedings (Rule 4 Patents Rules, 1972) Patent Office, Calcutta

17 Claims

A process for the preparation of a compound having the formula



wherein R is selected from the group consisting of benzhydyl, 3' (2'ethylhexoxy)-propyl, allyl, cyclohexyl, cycloheptyl, 1', 3'-dimethylbutyl, 4-heptyl, octyl, nonyl, decyl, undecyl, dodecyl, and tridecyl, and where R is benzhydyl, R₁ is alkyl containing from 7 to 11 carbon atoms, inclusive, where R is 3'-(2'-ethylhexoxy)-propyl, R₁ is alkyl containing from 1 to 12 carbon atoms, inclusive, where R is alkyl, R₁ is alkyl containing from 9 to 13 carbon atoms, inclusive, where R is cyclohexyl, R₁ is dodecyl, where R is cycloheptyl, R₁ is heptyl, where R is 1, 3'-dimethylbutyl, R₁ is n-heptyl or dodecyl, where R is s-heptyl, R₁ is either hexyl or octyl, where R is octyl, R₁ is selected from the group consisting of s-hexyl, nonyl and decyl, where R is nonyl, R₁ is alkyl containing from 3 to 6 or from 8 to 9 carbon atoms, inclusive, where R is decyl, R₁ is alkyl containing from 3 to 7 carbon atoms, inclusive; and where R is undecyl, dodecyl, or tridecyl, R₁ is alkyl containing from 2 to 7 carbon atoms, inclusive, comprising reacting an isothiocyanate of the formula

with an amine of the formula R-NH₂ wherein R and R₁ are as described above

CLASS 48 C

143528

Int Cl C08g 53 18, H01b 3/42

PROCESS FOR THE ELECTRICAL INSULATION OF METAL CONDUCTORS

Applicant BASF AKTIEFGESSELLSCHAFT, OF 6700 LUDWIGSHAFEN, FEDERAL REPUBLIC OF GERMANY*Inventors* JENOKE KOVACS, (2) HANS JUNG, (3) MATTHIAS MARX, (4) HERBERT SPOOR & WILFRIED PÖTSCHKE

Application No 1899/Cal/76 filed October 18, 1976

Division of Application No 2291/Cal/74 filed October 14, 1974

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Calcutta

4 Claims No drawings.

A process for the electrical insulation of metal conductors using an aqueous polyester imide dispersion containing from 20 to 60% by weight of polyester imide which contains, as connecting links five-membered imide rings fused with aromatic nuclei in the form of solid particles having a diameter of less than 5 μm , more than 80% of the particles having a diameter of less than 1, μm , and optionally containing small amounts of flow promoters, fillers, dispersing agents and/or esterification catalysts, said dispersion being applied to a metal conductor by conventional methods such as spraying, dipping, pouring, flooding, impregnating, brush-coating and knife-coating, whereupon the coated metal conductor is heated at temperatures of more than 150°C

CLASS 9-D & F.

143529.

Int Cl C22c 39/16

IMPROVED GRINDING MEDIA AND A METHOD FOR MAKING THE SAME

Applicant & Inventor UMANG KIRIWAL, OF HLEC FROSTFRIE CASTINGS LIMITED, 4, B B D BAG (PASST), CALCUTTA 1, WEST BENGAL, INDIA.

Application No 2221/Cal/76 filed December 17, 1976

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta

5 Claims

Improved grinding media having a hardness of above 550 BHN (Brinell Hardness Number), the hardness being almost uniform throughout the grinding media, and having the following constituents expressed by weight of the total weight of the material

Chromium	12.0	to	30.0%
Molybdenum	0.05	to	1.5%
Carbon	1.0	to	3.0%
Manganese	0.4	to	1.8%

Copper, nickel and silicon not exceeding 4.2% with trace amounts of sulphur and phosphorus and iron forming the remainder, said grinding media being prepared by a process substantially as herein described.

CLASS 105-B

143530

Int Cl G01d 1/00

SEQUENCE INDICATOR FOR 3-PHASE ELECTRIC SUPPLY

Applicant & Inventor MALIYAKAL PAUL GEORGE, OF BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PIANI, RAJASTHAN STATE, INDIA

Application No 113/Del/77 filed May 25, 1977

Appropriate office for opposition Proceedings (Rule 4 Patents Rules, 1972) Patent Office, Delhi Branch

2 Claims.

A phase sequence indicator for 3-phase electric supply comprising a thin bakelite disc BD with a curved slit DHA cut on it in the form of a double headed arrow and having on one side, hereafter referred to as the reverse side, of the disc an even number of small neon lamps NL1, NL2, NL3, NL4, NL5 and NL6 fixed in a series, with suitable adhesive, against the said arrow so that the two extreme lamps of the series occupy the two head regions of the arrow and the other neon lamps uniformly spaced, and when lit the lamps throw their light through the curved slit to the front side of the disc, and the disc provided on its reverse side with a small electrical condenser CO and two identical small size electrical resistances R1 and R2 suitably mounted without the risk of electrical short-circuit, and the neon lamps covered with a reflecting strip RR so as to give maximum light towards the front side of the disc through the curved slit, and the alternate neon lamps of the series are electrically series-connected forming two sets with half the number of neon lamps and one of the said resistances in each set NL1, NL3, NL5 and R1, NL2, NL4 and NL6, and R2, said sets joined together at their one end and connected to one pole of the said condenser CO making a three pronged star-connected circuit having the unconnected pole of the condenser and the two unconnected ends of the two sets of neon lamps as the three free ends Fe1, Fe2 and Fe3 of the star connection, and the assembly of the said components on the bakelite disc being placed and fixed inside a small cylindrical case CC of insulating and opaque material and covered with opaque disc RC at the rear side of the case and the case being provided with a translucent cover TR at its front side, and the three free ends of the star-connected circuit having external electrical connections by means of three different colour flexible insulated wires introduced into the case via three equidistant holes on the circumference of the case and the free ends of the three wires provided each with an attaching clip with insulated grip.

CLASS 155F, 143531

Int C1 11/08, 11/70, B29h 9/06

IMPROVEMENT RELATING TO COMPOSITION FOR PROOFING AND REINFORCING FABRIC.

Applicant & Inventor MUNNIAPPA CHETTY KUPPUSWAMY CHITTY GOPAL, JAXMY LABS E19, 16TH CROSS STREET, BASANTNAGAR, MADRAS-90, TAMIL NADU, INDIA

Application No. 150/Mas/76 filed August 7, 1976

Addition to No. 139452.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent Madras Branch

2 Claims No drawings

A process for preparing an emulsion for reinforcing and proofing fabrics particularly tyre cords and belts, comprising mixing (1) one part by weight of petroleum wax (2) one part by weight of cotton seedoil (3) two parts by weight of linseed oil (4) 3% by weight of the total of (1), (2) and (3) of zinc oxide and (3) % by weight of the total of (1), (2), (3) and (4) of the petrol and agitating the above mixture in a high speed mixer till completely emulsified.

OPPOSITION PROCEEDINGS

(1)

An opposition has been entered by Catona Sahu Company Limited to the grant of a patent on application No. 141169 made by Bata India Limited

(2)

An opposition has been entered by Orissa Cement Limited to the grant of a patent on application No. 142049 made by Orissa Industries Ltd.

(3)

An opposition has been entered by Belpahar Refractories Limited to the grant of a patent on application No. 142049 made by Orissa Industries Ltd

(4)

Application for patent No. 142037, an opposition to which was entered by Narayanswamy Rajamani, has been treated as withdrawn

(5)

The opposition entered by Calico Mills to the grant of a patent on Application No. 139048 made by The Sarangpur Cotton Manufacturing Company Limited as notified in Part III, Section 2 of the Gazette of India dated the 6th November, 1976 has been dismissed

CORRECTION UNDER SECTION 20(1) OF THE PATENTS ACT, 1970

The claim made by Gray & Bensley Research Corporation under Section 20(1) of the Patents Act, 1970 to proceed the application for patent No. 142894 in their name has been allowed

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy:—

(1)

109815 109913 109915 109935 110500 110823 111444 111455
111483 111493 113050 113175 113640 114051 114499 117636

(2)

95461 97096 104959 104960 107273 107274 108856 111421
111491 111555 111574 112577 112687 112904 112950 113137
113434 113655 114238 114308 114887 115258 115829 116620
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111610 111677 112014 112845 112955 113466 113608 114110
114283 114699 114879 114895 114939 118280

PATENTS SEALED

140807 140839 140844 140924 140970 141049 141055 141230
141239 141275 141280 141295 141304 141311 141314 141350
141354 141371 141372 141383 141386 141400 141538 141610
141623

AMENDMENT PROCEEDINGS UNDER SECTION 57

The amendments proposed by Institut Poliomielita I Virusnykh Entsefalitov Akademmi Meditsinskikh Naukssr in respect of patent application No. 141646 as advertised in Part III, Section 2 of the Gazette of India dated the 9th July, 1977 have been allowed.

COMMERCIAL WORKING OF PATENTED INVENTIONS

List No. IV

The following patents in the field of Chemical Industry are not being commercially worked in India as admitted by the Patentee in the statements filed by them under Section 146(2) of the Patents Act, 1970, in respect of Calendar year 1976 generally on account of want of requests for licences to work the patented inventions. Persons who are interested to commercially work the said patents may contact the patentee for the grant of a licence for the purposes

Sl. No.	Patent No.	Date of Patent	Name & address of the Patentee	Brief title of the invention
1	2	3	4	5
1.	128338	8-9-1970	Ethicon Inc, Somerville, New Jersey,	Polylactide sutures
2	128349	9-9-1970	Universal Oil Products Co, No. 30 Algonquin Roads, Des Plaines, Illinois	Catalytic composite containing a platinum group component, a tin component & a germanium component
3	128385	11-9-1970	Shell Internationale Research Maatschappij B V, 30 Carel van Bylandtlaan, Hague, Netherlands	Hydrogenative cracking of carbonaceous material
4	128386	11-9-1970	Tedeco Textile Development Co A/s, St. Clave Gate 21B, Oslo 1, Norway	Treatment of fabrics with liquid ammonia
5	128542	22-9-1970	Texaco Development Corp, 135 East 42nd St, New York, New York 10017, USA.	Synthesis gases & fuel gases

1	2	3	4	5
6.	128545	20-4-1972	Choay S A, 48, Avenue Theophile-Gautier 75 Paris	Calcium salt of N-acetyl 6-amino hexanoic acid.
7.	128566	23-9-1970	Shell Internationals Research Maatschappij, B V, 20 Carel van Bylandtlaan, Hague, Netherlands	Removal of solid particles from aqueous suspension thereof.
8.	128576	24-9-1970	Universal Oil Products Co, No 30 Algonquin Roads' Des Plaines, Illinois.	Continuous reforming regeneration
9.	128612	26-9-1970	Merck Patent Gesellschaft, Darmstadt, German Federal Republic.	Preparation of mica based lustrous pigments.
10.	128634	28-9-1970	Ciba Geigy of India Ltd, Aarey Road, Goregaon, East, Bombay-63.	Dyeing & printing textile materials of synthetic organic fibre.
11.	128677	3-10-1970	Monsanto Co, 800 North Lindbergh Blvd, St. Louis, Missouri 63166 USA	Method of preparing novel N-azolyl sulfonamides.
12.	128711	6-10-1970	Union carbide Corp, 270 Park Avenue, New York	Porous metallic layer and formation.
13.	128717	6-10-1970	Dr. T. K. Roy & another, A-60 Kailash, New Delhi-48.	Nickel P cobalt extraction from laterite & limonitic nickeliferous ores.
14.	128727	20-4-1972	C E R P H A, 71 Avenue Laplace, Archeil, Val de Marne, France.	New phenoxyacetic acid derivatives
15.	128730	7-10-1970	Siemens AG, 520 Erlangen 2, Werner-Vaniemensstrasse, 50 W Germany.	Crosslinking polyolefins & olefin compounds.
16.	128735	7-10-1970	Mendel Simkhovich Furman, Scherbakovskaya, Ulitasa, 16/18 K. V. 203, Moscow.	Multistage Oxidation of cyclohexane.
17.	128753	12-10-1970	Universal Oil Products Co, No. 30, Algonquin Rd, Des Plaines, Illinois, USA.	Ortho alkylation of P-alkoxyphenol.
18.	128755	12-10-1970	I C I Ltd, Imperial Chemical House, Millbank, London, SW. 1.	1-1-1-trichloroethane.
19.	128785	13-10-1970	S.A. Des Etablissements Roure Bertrand Fils & Justin Dupont, 27 Avenue, Pierre Semad, Grasse, France.	A perfume composition containing novel cyclopentane.
20.	128786	13-10-1970	Hoechst AG, 6230 Frankfurt/Main, Federal Republic of Germany	Bisphenol-carboxylic acid esters from phenols & acetoacetic acid esters.
21.	128787	13-10-1970	Do.	Polyphenol carboxylic acid esters from phenols.
22.	128793	20-4-1972	Do.	Des-phenylalenan bjinsulin.
23.	128799	13-10-1970	Do.	Water-soluble anthraquinone dyestuffs.
24.	128815	14-10-1970	Produits Chimiques Ugine Kuhlmann, 25 Bld de l'almiral-Bruix, 75 Paris.	Extruded plastic material product.
25.	128831	15-10-1970	British Steel Corp, 3 Grovener Place, London SW 1	Alloying steel.
26.	128907	20-10-1970	Snamprogetti S p. A., 16 Corso Venezia Milan, Italy.	Urea.
27.	128953	20-4-1972	Eli Lilly & Co, 207 East Mc Carty Street, Indianapolis, USA.	Preparation of 7-aminocephalosporanic acid by the cleavage of 7-carboxamido group of cephalosporin.
28.	128957	23-10-1970	Glaverbel Mecaniver, 166 Chaussee de la Hulpe, Watermael-Boitsfort, Belgium.	Refractory mass by spraying.
29.	128971	23-10-1970	Monsanto Co, 800 North Lindbergh Blvd, St Louis, Missouri 63166, USA.	Anhydrous dicalcium phosphate
30.	128992	26-10-1970	Hindustan Lever Ltd, Hindustan Lever House, 165-166 Backbay Reclamation, Bombay-20.	Personal washing tablets.

1	2	3	4	5
31.	128998	26-10-1970	GAF Corp, 140 West 51st Street, New York	Bis aliphatic phosphoric acid anhydrides
32.	128999	26-10-1970	Nippon Kokan, 1-3, 1-chome, Otemachi, Chiyoda ku, Tokyo	High temperature low alloy steel.
33.	129002	26-10-1970	Snamprogetti S. p. A., 16 Corso Venezia, Milan, Italy	Removing the solvent or suspending medium from polymeric solutions or suspensions
34.	129043	28-10-1970	ICI Ltd, Imperial Chemocal House, Millbank, London SW. 1.	Thermoplastic polymer foams
35.	129044	30-6-1970	Engelhard Minerals & Chem Corp., 113 Astor Street, New York, New Jersey, USA	Ammonia oxidation
36.	129058	30-10-1970	ICI Ltd, Imperial Chemical House, Millbank, London, SW. 1	Forming a pile on thermoplastic article.
37.	129059	30-10-1970	Ugne Kuhlmann, 10 Rue de General Foy, Paris 8	New composit materials
38.	129074	31-10-1970	Eastman Kodak Co, 343 State Street, Rochester, New York 14650, USA	Colour developer solution
39.	129095	3-11-1970	Hoechst AG., 4 Bruningstrasse, Frankfurt/Main, Federal Republic of Germany.	Water soluble reactive xanthium dyestuffs.
40.	129113	4-11-1970	National Research Development Corp, 66-74 Victoria Street, London SW 1	Preparation of mixes containing fibrous substances
41.	129117	20-4-1972	Pfizer Inc, 235 East 42nd Street, New York.	Oxindole carboxamide compounds
42.	129123	6-11-1970	Universal Oil Products Co, No 30, Algonquin Rd, Des Plaines Illinois, USA	Regeneration of a coke deactivated Catalyst containing platinum and rhodium.
43.	129125	6-11-1970	I.C.I. Ltd, Imperial Chemical House, Millbank, London SW. 1	Synergistic stabilised hydrocarbon compositions.
44.	129127	6-11-1970	Exxon Research & Engg Co, Linden, New Jersey, USA.	Conversion of gas mixtures containing carbon monoxide & steam to hydrogen & carbon dioxide.
45.	129139	7-11-1970	Do	Do.
46.	129150	9-10-1970	Hindustan Lever Ltd, 165-166 Back-bay Reclamation, Bombay-20.	Soap tablet production.
47.	129154	9-10-1970	Snamprogetti S. p. A., 16 Corso Venezia, Milan, Italy.	Removing catalytic metal residues from polyolefins.
48.	129227	20-4-1972	Richardson-Merrel Inc, 122 East 42nd Street, New York-17	Anti-foaming composition.
49.	129231	21-5-1971	Texaco Development Corp, 135 East 42nd St. New York	Synthesis gas.
50.	129263	17-10-1970	Snamprogetti S. p. A., 16 Corso Venezia, Milan, Italy.	Treating effluent gases in the ammonia synthesis
51.	129267	17-11-1970	Nippon Kokan etc, 1-3, 1 chome, Otemachi, Chiyoda-ku, Tokyo	Coating of steel sheets
52.	129283	18-11-1970	Commercial Solvents Corp, 245 Park Avenue, New York	Zearalenone.
53.	129284	18-11-1970	Do	Do
54.	129285	18-11-1970	Do	Do
55.	129297	19-11-1970	Shell Internationale Research Maatschappij N. V., 30 Carel van Bvlandtalaan, Hague, Netherlands	Dimethyl 1-methyl-2-methyl-carbamyl vinyl phosphate
56.	129304	19-11-1970	Hoechst AG, 45 Bruningstrasse, Frankfurt/Main, Federal Republic of Germany	Aminophenyl alkyl ethers

1	2	3	4	5
57.	129305	20-4-1972	Merck Patent, Darmstadt, Frankfurt-strasse 250, W Germany.	Peruvalside
58.	129307	19-11-1970	Texaco Development Corp., 135 East 42nd St, New York	Synthetic lubricating oil composition
59.	129322	20-11-1970	Shell Internationale Research Maatschappij B V, 30 Carel van Bylandtlaan, Hague, Netherlands	Quenching unstable pyrolysis effluent gases
60.	129329	20-11-1970	Norton Co, 1 New Bond Street, Worcester, Massachusetts, U S A	Abrasive elements
61.	129331	20-11-1970	Texaco Development Corp., 135 East 42nd St, New York	Reducing gas
62.	129347	23-11-1970	Hindustan Lever Ltd, Hindustan Lever House, Backbay Recl, Bombay-20	Making fatty acid mono-diglycerides.
63.	129349	28-7-1971	Do	Catalyst
64.	129372	24-11-1970	Hoechst AG, 45 Brunningstrasse, Frankfurt/Main, Federal Republic of Germany	New pigments of the quinacridone series.
65.	129403	26-11-1970	Ferro Corp., One Erieview Plaza, Cleveland, Ohio 44114, U S A.	Forge hearth color concentrate
66.	129404	20-4-1972	Pfizer Corp., Calle 15-1/2 Avenida Santa Isabel, Colon, Panama	Propanolamine compounds
67.	129415	27-11-1970	Universal Oil Products Co, 30 Algonquin Road, Des Plaines, Illinois, U S A.	Method for regenerating a deactivated hydrocarbon conversion catalyst
68.	129418	20-4-1972	Hoechst AG, 6230 Frankfurt/Main, Federal Republic of Germany.	Biguanide
69.	129436	30-11-1970	Gabot Corporation, 125 High Street, Boston, Massachusetts 02110, U S A	Cobalt base alloy
70.	129438	30-11-1970	Universal Oil Products Corp., No 30 Algonquin Rd, Des Plaines, Illinois, U S A	Para-xylene & gasoline
71.	129472	20-4-1972	Societe D' etudes De Produits Chimiques, 16 rue Kleber, Issy-Les-Moulineaux, Hauts de Seine, France	Paravarine complex
72.	129476	3-12-1970	Universal Oil Products, Co, 30 Algonquin Rd, Des Plaines, Illinois, U S A	Separating the effluent from a hydroprocessing reaction zone
73.	129487	3-12-1970	General Mills Inc, 9200 Wayzata Blvd, Minneapolis, Missesota, U S A.	Cyanoethyl ether of galactor manuam-gan
74.	129497	4-12-1970	Nippon Kokan, Etc., 1-3, 1-chome, Otemachi, Chiyoda ku, Tokyo, Japan	Tinned plates having little tendency to smudge
75.	129518	5-12-1970	Sulzer Brothers Limited, Winterthuri, Switzerland	Ammonia synthesis process and plant
76.	129571	11-12-1970	Nadezhda Vasilieva Ljusinovskaya Ulitsa, 53/12, K. V 103 Moscow, U S S R	Catalyst for oxidising ammonia into nitric oxide
77.	129613	15-12-1970	Hoechst AG, 6230 Frankfurt/Main, Federal Republic of Germany.	N-mono-(Beta-cyanodethyl)-aryl amines.
78.	129618	16-12-1970	Castrol Ltd., Burnah-Castrol House, Maylebone Rd, London, N W -1	Hydraulic fluid comprising synthetic ortho-ester.
79.	129619	16-12-1970	Rhone-Poulenc Industries, 22 Avenue Montaigne, Paris, France	Rhombohedral anhydrous calcium sulphate II.
80.	129638	16-12-1970	Shell International Research Maatschappij B V., 30 Carel van Bylandtlaan, Hague, Netherlands.	Apparatus & process for the preparation & cooling of a gas mixture containing hydrogen peroxide.
81.	129640	17-12-1970	Universal Oil Products Co., No. 30 Algonquin Rd, Des Plaines, Illinois, U.S A.	High octane gasoline production.
82.	129643	17-12-1970	Hoechst AG, 45 Brunningstrasse, Frankfurt/Main, Federal Republic of Germany.	Water soluble monoazo dyestuffs

1	2	3	4	5
83.	129697	22-12-1970	Ugine Kuhlmann, 10 Rue du General Foy, Paris.	Production of reaction products of phosphoric acid, urea & ammonia.
84.	129702	22-12-1970	Texaco Development Corp., 135 East 42nd St., New York.	Catalytic cracking of naphtha
85.	129712	23-12-1970	Westinghouse Electric Corp., Pennsylvania, U.S.A	Method of coating europium activated strontium chlorophosphate phosphor onto a lamp envelope.
86.	129725	25-12-1970	Texaco Development Corp., 135 East 42nd St., New York.	Catalytic cracking of hydrocarbon
87.	129757	28-12-1970	Matsushita Electric Industrial Co. Ltd., 1006, Oaza, Kadomashi, Osaka, Japan.	Producing manganese dioxide electrolytically
88.	129758	28-12-1970	Roberto G. Barrera, 103 Republica Dominicana, Col. Viste Hermope, Monterrey, N. L. Mexico	Tortilla dough.
89.	129769	29-12-1970	Universal Oil Products Co., No. 30 Algonquin Road, Des Plaines, Illinois, U.S.A.	Selected aromatic hydrocarbon
90.	129800	20-4-1972	Richter Gedeon Vegyeszeti Gyra R.T., 21 Gyomroi at, Budapest X, Hungary.	N, N-diaryl-hydrozine derivatives
91.	129802	20-4-1972	Do.	New alpha-aminoxy-carboxylic amide derivatives
92.	129831	4-1-1971	Universal Oil Products Co., No. 30, Algonquin Road, Des Plaines, Illinois, U.S.A.	C ₈ -alkylaromatic isomerisation process
93.	129834	4-1-1971	The Lubrizol Corp., Cleveland, Ohio 44117, U.S.A.	Amido alkanesulfonic acids.
94.	129854	6-1-1971	Hindustan Lever Ltd., Hindustan Lever House, 165-166 Backbay Reclamation, Bombay-20.	Instant tea powder.
95.	129855	6-1-1971	Do.	Extraction of tea & preparation of instant tea powder extract.
96.	129856	1-7-1971	Johnson & Johnson, 501 George Street, New Brunswick, New Jersey, U.S.A	Conformable adhesive sheet
97.	129870	7-1-1971	Westinghouse Canada Ltd., 286 Sanford Avenue North, Hamilton, Ontario, Canada	Calcium halophosphate day light phospho for fluorescent.
98.	129893	11-1-1971	Imperial Chemical Industries Ltd., Imperial Chemical House, Millbank, London, S.W.1.	Foamed polyolefin films
99.	129926	13-1-1971	Laporte Industries Ltd., Hanover House, Hanover Square, London, W.1	Treating oxide pigments.
100.	129938	20-4-1972	Mundipharma A G, Bahnofstrasse 26, ch. 4310 Rheinfelden, Switzerland	Preparation of novel quinone polygalacturonate compounds.
101.	129961	15-1-1971	Japan Gas Chemical Co. Inc., 1-1, 2-chome Uchisaiwaicho, Chiyoda-ku, Tokyo, Japan.	Formaldehyde aqueous solution having low methanol content.
102.	129989	19-1-1971	I. C. I. Ltd., Imperial Chemical House, Millbank, London, S.W.1.	1, 1-disubstituted-4-4-bipyridinium salts & related compounds
103.	129998	19-1-1971	Ethicon Inc., Somerville, New Jersey, USA.	Electropolishing of drilled surgical needles
104.	130009	20-1-1971	Shell Internationale Research Maats-Chappel B. V., 30 Carel Van Bylandtlaan, Hague, Netherlands.	Automatic watching of an apparatus for the preparation & cooling of synthesis gas.
105.	130010	20-4-1972	Societe D'etudes De Produits Chimiques, 16 Rue Kleber Issy-Les-Moulineaux Hauts de Seine, France.	New salts of pyridoxine monoesters.
106.	130041	20-4-1972	Smithkline Corp., 1500 Spring Garden Str., Philadelphia, Pennsylvania, USA	Alpha-aminoalkyl-4-hydroxy-3-ureido benzylalcohols
107.	130043	25-1-1971	Mille Bezons SA, Saint-Leger-Les Melle, (Deux-Sevres), France.	Continuous production of Betamethoxy aldehydes.

1	2	3	4	5
108.	130072	27-1-1971	Lubrizol Corp, Cleveland, Ohio 44117, USA	High molecular weight maleic & fumaric acid esters & lubricants & fuels containing the same
109.	130101	20-4-1972	Pfizer Inc 235 East 42nd Street, New York	Substituted benzo (b) thiophenes
110.	130106	29-1-1971	Ciba-Geigy, Basle, Switzerland.	New disazo pigments.
111.	130117	30-1-1971	ICI Ltd Imperial Chemical House, Millbank, London, S W 1.	A composition comprising a powder normally causing collapse of foams and a partially hydrophobic surface treated powdered silica
112.	130121	1-2-1971	Do.	Treatment of brine
113.	130125	1-2-1971	Hooker Chem Corp, Niagara Falls, New York, USA	Generation of chlorine dioxide, chlorine and the production of alkali metals
114.	130138	2-2-1971	Georges Henri Salomone, 14 Avenue Pierre le de Serbie, Paris 16 eme	Emulsifying petroleum products to form a culture medium which by oriented biodegradation by the micro organisms would transform into a fertiliser.
115.	130139	2-2-1971	Do.	Method of emulsifying petroleum products in a form degradable by micro-organisms.
116.	130142	2-2-1971	Lubrizol Corp, Cleveland, Ohio, 44117, USA.	High molecular weight carboxylic acid compounds.
117.	130159	3-2-1971	Agfa Gevaert N V , 27 Septestraat, Mortsel, Belgium.	A Photographic material
118.	130160	3-2-1971	Do.	Photographic material.
119.	130161	20-4-1972	Pfizer Inc 235 East 42nd Street, New York-17.	Synthesis of substituted quinazolin-4-ones.
120.	130178	4-2-1971	Hindustan Lever Ltd. 165-166 Backbay Reclamation, Bombay-20.	Treatment of karanja oil
121.	130181	4-2-1971	Great Salt Lake Minerals & Chem Corp, POB 1190, Ogdew, Utah 834402, USA.	Production of anhydrous potassium magnesium sulfate material with low hygroscopicity from hydrated potassium magnesium sulfate.
122.	130233	10-2-1971	Stone & Webster Engg Corp, 225 Franklin Street, Boston , Massachusetts, 02107, USA.	Removal of acidic gases from hydrocarbon streams.
123.	130238	11-2-1971	Hindustan Lever Ltd., Hindustan Lever House, 165-166 Backbay Reclamation, Bombay-20	Anti-slague & anti-calculus dentifrice.
124.	130270	15-2-1971	Snamprogetti SpA, 16 Corso Venezia, Milan, Italy.	Separation of partially hydrogenated polyamine of aluminium
125.	130282	16-2-1971	Hoechst AG, 45 Bruningstrasse, Frankfurt/Main, Federal Republic of Germany.	Water soluble monoazo dyestuffs.
126.	130341	20-4-1971	Chinoin Gyogyszer-es Vegyeszeti Termek Gyara RT, 1-5, To Utca, Budapest IV, Hungary	2-sulphonyloxy ethylamino derivatives.
127.	130346	23-2-1971	Monsanto Co. 800 North Lindbergh, Blvd. St. Louis, Missouri 63166, USA	Method of vulcanising rubber & 3-cycloalkylthio-3 azabicyclo (3 . 2 . 2) nonanes inhibitors used therein.
128.	130356	24-2-1971	Parkson Corp, 5601 North East 14th Avenue, Fort Landerdate, Florida 33308, USA.	Preparing superphosphoric acid
129.	130367	25-3-1971	Hoechst AG, 45 Bruningstrasse, Frankfurt/Main, Federal Republic of Germany.	Metal complex compounds of the mono-azo dyestuffs
130.	130371	25-2-1971	Degussa, 9 Weissfranenstrasse, Frankfurt (Main) Federal Republic of Germany.	Calcium thioetate.

1	2	3	4	5
131	130375	25-2-1971	Ciba-Geigy of India Ltd, Araey Rd, Goregaon East, Bombay-63.	New azo compounds.
132. 7	130379	25-2-1971	F. L. Smidh & Co A/S, 77 Vigersleve Alle, Copenhagen-Valby, Denmark.	Cement raw materials
133. 5	130418	1-3-1971	Mefina SA, route de Beaumont, Fliboug Switzerland.	Solid product with lubricating properties.
134. 1	130434	20-4-1972	Pfizer Inc, 235 East 42nd Street, New York-17.	Analogues of lapchol
135. 1	130447	3-3-1971	Walter Von Haumeder, 7801 Ehrenstetten, Federal Republic of Germany.	Refining molten metal.
136. 5	130449	3-3-1971	Compagnie Pechiney, 23 rue Balzac, Paris 83e	Master alloy for the treatment of spheroidal graphite cast iron.
137. 5	130463	4-3-1971	Eastman Kodak Co, 343 State Street, Rochester, New York.	Photographic bleach fixing compositions
138. 5	130465	4-3-1971	Koninklijke Nederlandse Gist en Spiritusfabriek N.V., 1 Wateringsweg, Delft, Switzerland.	Enzyme polymer complexes
139.	130469	20-4-1972	Kureha Kagaku Kogyo KK, 8, 1-chome, Nihonbashi, Horidome-cho, Chuo-Ku, Tokyo	Obtaining a chemical preparation of oral administration of birds & mammals except humans for controlling endoparasites.
140	130487	5-3-1971	Monsanto Co, 800 North Lindbergh Blvd, St. Louis, Missouri 63166, USA	Vulcanising rubber using cycloalkyl sulfonamide containing vulcanisation inhibitor.
141.	130488	5-3-1971	Hoechst AG, 45 Brunningstrasse, Frankfurt/Main, Federal Republic of Germany	3-(3', 24'-dichloro-6'-alkylphenyl) Delta-pyrazoline derivatives.
142.	130489	5-3-1971	Do.	Water soluble monoazo dyestuffs.
143.	130507	20-4-1972	Imperial Chemical Industries Ltd, Imperial Chemical House, Millbank, London, SW. 1.	Naphthalene derivatives.
144.	130508	20-4-1972	Do.	Do.
145.	130515	9-3-1971	Foster Grant Co, 289, North Main Street, Leominster, Massachusetts, USA.	Catalytic hydrocracking.
146.	130524	20-4-1972	Rhone-Poulenc SA, 22, Avenue Montaigne, Paris 8e, France.	3, 4-dihydroisoquinoline derivatives.
147.	130526	11-3-1971	Amchem Products Inc, Brookside Avenue, Ambler, Pennsylvania, U.S.A.	2, 6-dinitroaniline derivatives.
148	130530	11-3-1971	Hermann Papst, Karl-Mainstrasse St Gourgen, Schweizwald, Federal	Production of lifting gases lighter than air & air ship for carrying out the same.
149.	130532	11-3-1971	Gosudarstvenny Nau hno Issledovatelsky Institut & another, Kiev, Ulitsa Konstantinovska 68, U.S.S.R	Treating molten slag to produce molten slag suitable for making building materials
150.	130553	16-3-1971	Union Carbide Corp, 270 Park Avenue, New York	Liquid gas containing tray.
151	130558	16-3-1971	The Goodyear Tire & Rubber Co, 1144 East Market Street, Akron, Ohio, U.S.A.	Vulcanisation rubber containing retarder for inhibiting premature vulcanisation.
152.	130576	16-3-1971	Snamprogetti Sp A, 16 Corso Venezia, Milan, Italy	Aluminium compound
153.	130588	16-3-1971	Cotton Inc, 350 Fifth Avenue, New York 10001, U.S.A	Treating cellulosic fiber containing material.
154.	130589	16-3-1971	Nereo Chiarotto, Via Brussola 7, Varese, Italy	Composite yarns.
155.	130590	16-3-1971	Hoechst AG, 45 Brunningstrasse, Frankfurt/Main, Federal Republic of Germany	Water insoluble yellow monoazo dyestuffs.

1	2	3	4	5
156	130631	18-3-1971	Metallgesellschaft AG, 1 of 6, Reuterweg 14 W Germany	Removing hydrogen fluoride
157	130686	23-3-1971	The Broken Hill Proprietary Co Ltd, 800 Bourke Street, Melbourne	Coated metal product
158	130690	23-3-1971	Hoechst AG, 45 Bruningstrasse, Frankfurt/Main, Federal Republic of Germany	Metal containing azo dyestuffs
159	130713	24-3-1971	Texaco Development Corp, 135 East 42nd St, New York	A method for controlling the composition of fluids
160	130716	20-4-1971	Degussa 9 Weissfrauenstrasse, Frankfurt/Main, Federal Republic of Germany	Calcium thio cstate
161	130719	25-3-1971	Universal Oil Products Co, No 30 Algonquin Rd, Des Plaines, U.S.A.	Reconditioning reforming catalyst.
162	130739	20-4-1972	Pfizer Inc, 235 East 42nd Street, New York	Novel 6, 7 dimethoxyquinazolines useful as analgesic & tranquiliser agents
163	130740	26-3-1971	I C I Ltd, Imperial Chemical House, Millbank, London SW 1	Fibre reinforced thermoplastic material.
164	130767	29-3-1971	FMC Corp, 633 Third Avenue, New York-17	Isoxazolopyrimidines
165	130769	29-3-1971	Abex Corp, 530 Fifth Avenue, New York	Friction materials
166	130775	29-3-1971	Shinetsu Chemical Co, 42 Marunouchi 1-chome, Chiyoda-ku, Tokyo	Suspension polymerising vinyl chloride
167	130799	30-3-1971	UBE Industries Ltd, 12-32, 1-chome Nishihommachi Ube shi, Yamaguchi ken, Japan	Product obtained by oxidation of cyclohexane urea
168.	130800	30-3-1971	Snamprogetti S.p.A, 16 Corso Venezia, Milan, Italy	Urea
169.	130801	30-3-1971	Do	Urea
170	130807	1-4-1971	Hindustan Lever Ltd, 165-166 Backbay Reclamation, Bombay-20	Emulsion
171	130813	1-4-1971	Rhone Poulenc Industries, 22 Avenue Montaigne, Paris	Process for depositing precious metals on a metallic support
172	130841	5-4-1971	Hindustan Lever Ltd, 165-166 Backbay Reclamation, Bombay-20	Built laundry soap containing disproportionated resin
173	130869	6-4-1971	Hoechst AG, 45 Bruningstrasse Frankfurt/Main, Federal Republic of Germany	Pigment composition.
174	130891	7-4-1971	Universal Oil Products Co, No. 30 Algonquin Rd, Des Plaines, Illinois, U.S.A	Lubricating oil base stock production.
175	130903	8-4-1971	Rohm & Hass Co, Independence Mall West, Philadelphia, Pennsylvania, U.S.A.	Modified vinyl halide polymers
176	130923	12-4-1971	Stamicarbon N.V, Van der Maesensstraat, 2, Heerlen, Netherlands	Process for increasing corrosion resistance of austenitic stainless steel.
177	130927	20-4-1972	Phillips Petroleum Co, Bartlesville, Oklahoma, U.S.A	Microbiological aerobic fermentation process
178	130928	12-4-1971	Hoechst AG, 45 Bruningstrasse, Frankfurt/Main, Federal Republic of Germany	New daylight fluorescent pigments.
179	130950	13-4-1971	Pullman Inc, 200 South Michigan Avenue, Chicago, Illinois, U.S.A	High strength reducing gases
180.	130954	13-4-1971	Hoechst AG, 45 Bruningstrasse Frankfurt/Main, Federal Republic of Germany	Benzoxanthene & benzothioxanthene dyestuffs
181	130955	13-4-1971	Do	Benzoxanthene & benzothioxanthene dicarboxylic and imide dyestuffs.

REGISTRATION OF ASSIGNMENTS, LICENCES, ETC.
(PATENTS)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—

126102 Vishwasrao Madhavrao Deshmukh.

PATENTS DEEMED TO BE ENDORSED WITH
THE WORDS "LICENCES OF RIGHT"

The following patents are deemed to have been endorsed with the words "licences of right" under Section 87 of the Patents Act, 1970. The dates shown in the crescent brackets are the dates of the patents.

No and Title of the invention

80528 (20-4-72) Process for the preparation of new alkyl-sulphonic acid esters.

86709 (20-4-72) Process and apparatus for the fully automatic production of dragees

87536 (20-4-72) Process for the preparation of penicillins

94209 (20-4-72) Process for the manufacture of a vaccine against foot-and-mouth disease

110506 (20-4-72) Process for preparing new 5-nitromidazole ethers

111606 (20-4-72) An improved process for the preparation of 1, 2, 3, 4-tetrahydroisoquinoline-2-carboxamidines

111973 (20-4-72) A process for producing 6-epi-6-deoxy-5-oxytetracycline.

113616 (20-4-72) A process for the synthesis of 3, 8-disubstituted 4-oxo-perhydro-(1, 2-C)-piperazinopyrimidines.

113926 (20-4-72) Method of stabilizing aqueous solution of amylolytic enzymes.

115120 (20-4-72) Process for the manufacture of iodised common salt in solar salt works.

117876 (20-4-72) A process for the chlorination of phenols

121694 (20-4-72) Process for the preparation of 1-carbomoyl-3 aroylpyrrolidines.

123158 (20-4-72) Process for the preparation of cycloalkanoquinolone derivatives

126970 (20-4-72) Process for the manufacture of morpholine derivatives

127150 (17-6-70) Process for the preparation of a catalyst for the polymerization of olefins.

127252 (24-6-70) Process for the polymerization of ethylene

128349 (9-9-70) A process for the conversion of a hydrocarbon using catalytic composite

128385 (11-9-70) Process for hydrogenative cracking of carbonaceous material

128511 (21-9-70) Process for the preparation of 2-alkyl-glycerol derivatives.

129074 (31-10-70) A method of recovering N-(o-acetamido-β-phenylethyl)-1-hydroxy-2-naphthamide coupler from used photographic colour developer solution

129305 (20-4-72) Process for the preparation of peruvoside

129964 (16-1-71) Process for the production of azo dye compounds.

129991 (19-1-71) Improvements in or relating to the defluorination of gypsum.

130088 (28-1-71) Process for the preparation of a ziegler-natta type catalyst.

130308 (17-2-71) Process for the preparation of azo compounds

132803 (20-4-72) Process for the production of new triiodophenyl alkyl ethers.

133054 (25-9-71) Process for catalytic endothermic reactions.

133161 (3-10-72) Method for the manufacture of a protein and polysaccharide fraction from black gram

133543 (20-4-72) Preparation of N-[(1-ethyl-pyrrolidinyl-2)-methyl-2-methoxy-5-sulphamoyl-benzamide

133625 (15-11-71) Process for the manufacture of ethyl alcohol

133865 (7-12-71) Vapor phase oxidation of ethylene to acetic acid

134092 (17-7-72) Process for recovery of oil from exhausted spent earth

135324 (18-4-72) Method of manufacturing borosilicate glass

135549 (5-8-72) A method of production of lime milk, RENEWAL FEES PAID

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141009 141027 141073 141077 141098 41104 141188

RESTORATION PROCEEDINGS

(1)

Notice is hereby given that an application for restoration of Patent No 119049 dated the 17th December 1968 made by the Director General, Research Designs and Standards Organisation, Government of India, Ministry of Railways on the 13th December 1976 and notified in the Gazette of India, Part-III, Section 2 dated the 12th February 1977 has been allowed and the said patent restored.

(2)

Notice is hereby given that an application for restoration of Patent No 119125 dated the 23rd December, 1968 made by the Director General, Research Designs and Standards Organisation, Government of India, Ministry of Railways on the 13th December 1976 and notified in the Gazette of India, Part-III, Section 2 dated the 12th February 1977 has been allowed and the said patent restored.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration

Class 1 No 145323 Priyal Khanderao Kulkarni, Mohor, 64/17, Erandavane, Pune-411004, Maharashtra State India, Indian "Seat for scooter". March 7, 1977

Class 1 No 145411 Metal & Arts, 91-C, Lattice Bridge Road, Thiruvanmiyur, Madras-600041, an Indian partnership concern "A coffee pot". April 5, 1977.

Class 1 No 145412 Metal & Arts, 91-C, Lattice Bridge Road, Tiruvanmiyur, Madras-600041, an Indian Partnership concern. "A tea set". April 5, 1977

Class 3 No 145237 G. S Mechanical Works, Deshmesh Nagar, Gill Road, Ludhiana, Punjab State, an Indian Proprietorship firm. "Rubber for padel of cycle" February 18, 1977

Class 3 Nos 145422 & 145423. The Gramophone Company of India Limited, of 5, Old Court House Street, Calcutta-700001, West Bengal, India, an Indian Company "A record player" April 7, 1977.

Class 3 Nos 145424 & 145425 The Gramophone Company of India Limited, of 5, Old Court House Street, Calcutta-700001, West Bengal, India an Indian Company "A radiogram". April 7, 1977

Class 3 Nos 145452 & 145453 The Meal Box Company of India Limited of Barlow House, 59C Chowringhee Calcutta-700020 West Bengal, India an Indian Company "A container closure member" April 15, 1977

Class 3 Nos 145473 & 145474 Glass Minerals, 16-A Wellesly Road Atur House Poona-411001 Maharashtra State India, an Indian Partnership Firm "Thermos flask" April 23, 1977

Class 3 No 145495 Choudhury Traders 22 New Cutlery Market Bombay-400002 Maharashtra, an Indian Proprietorship firm "Toy-cup" April 28, 1977

S VEDARAMAN
Controller-General of Patents Designs
and Trade Marks,